

Refine Search

Search Results -

Terms	Documents
L12 and (L2 or L6 or L9)	34

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Sunday, February 06, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L15</u>	L12 and (L2 or L6 or L9)	34	<u>L15</u>
<u>L14</u>	L11 and L9	6	<u>L14</u>
<u>L13</u>	L11 and (L2 or L6 or L9)	185	<u>L13</u>
<u>L12</u>	709/228,246.ccls.	2398	<u>L12</u>
<u>L11</u>	715/501.1-522.ccls.	4996	<u>L11</u>
<u>L10</u>	(L1 or L6) and (video same resolution same analysis)	3	<u>L10</u>
<u>L9</u>	(L1 or L6) and (resolution same analysis)	115	<u>L9</u>
<u>L8</u>	(L1 or L6) and (anticipation same analysis)	5	<u>L8</u>
<u>L7</u>	L6 and (adjust\$4 same resolution\$1)	15	<u>L7</u>
<u>L6</u>	L1 and (PDA or laptop\$1)	1155	<u>L6</u>
<u>L5</u>	L1 and (adjust\$4 same resolution\$1)	61	<u>L5</u>
<u>L4</u>	L2 and (adjust\$4 same resolution\$1)	1	<u>L4</u>
<u>L3</u>	L2 and (separat\$4 same design same content\$1)	23	<u>L3</u>
<u>L2</u>	L1 and (layout same (region\$1 or section\$1))	356	<u>L2</u>
<u>L1</u>	document\$1 same (template\$1 or stylesheet\$1)	5506	<u>L1</u>

END OF SEARCH HISTORY

h e b b c g b e e ch

10/003,348

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Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20020111961 A1

Using default format because multiple data bases are involved.

L14: Entry 1 of 6

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111961

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020111961 A1

TITLE: Automatic assignment of field labels

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Billings, Doug	Germantown	MD	US	
Zlotnick, Aviad	D.N. Galil		IL	
Krutyolkin, Sergey	Nazeret		IL	

US-CL-CURRENT: 715/505; 715/504

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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2. Document ID: US 6721713 B1

L14: Entry 2 of 6

File: USPT

Apr 13, 2004

US-PAT-NO: 6721713

DOCUMENT-IDENTIFIER: US 6721713 B1

TITLE: Business alliance identification in a web architecture framework

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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3. Document ID: US 6553373 B2

L14: Entry 3 of 6

File: USPT

Apr 22, 2003

US-PAT-NO: 6553373

DOCUMENT-IDENTIFIER: US 6553373 B2

**** See image for Certificate of Correction ****

TITLE: METHOD FOR DYNAMICALLY DELIVERING CONTENTS ENCAPSULATED WITH CAPSULE OVERVIEWS
CORRESPONDING TO THE PLURALITY OF DOCUMENTS, RESOLVING CO-REFERENTIALITY RELATED TO FREQUENCY
WITHIN DOCUMENT, DETERMINING TOPIC STAMPS FOR EACH DOCUMENT SEGMENTS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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4. Document ID: US 6353824 B1

L14: Entry 4 of 6

File: USPT

Mar 5, 2002

US-PAT-NO: 6353824

DOCUMENT-IDENTIFIER: US 6353824 B1

TITLE: Method for dynamic presentation of the contents topically rich capsule overviews
corresponding to the plurality of documents, resolving co-referentiality in document segments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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5. Document ID: US 6161113 A

L14: Entry 5 of 6

File: USPT

Dec 12, 2000

US-PAT-NO: 6161113

DOCUMENT-IDENTIFIER: US 6161113 A

TITLE: Computer-aided project notebook

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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6. Document ID: US 6047296 A

L14: Entry 6 of 6

File: USPT

Apr 4, 2000

US-PAT-NO: 6047296

DOCUMENT-IDENTIFIER: US 6047296 A

TITLE: Comprehensive method of resolving nested forward references in electronic data streams
within defined resolution scopes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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Bkwd Refs

Generate OACS

Terms

Documents

L11 and L9

6

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20030185301 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 3

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185301

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030185301 A1

TITLE: Video appliance

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abrams, Thomas Algje JR.	Snohomish	WA	US	
Beauchamp, Mark F.	Seattle	WA	US	

US-CL-CURRENT: 375/240.12; 375/240.01, 375/240.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20020032875 A1

L10: Entry 2 of 3

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032875

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020032875 A1

TITLE: Information processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6850252 B1

L10: Entry 3 of 3

File: USPT

Feb 1, 2005

US-PAT-NO: 6850252

DOCUMENT-IDENTIFIER: US 6850252 B1

TITLE: Intelligent electronic appliance system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(L1 or L6) and (video same resolution same analysis)	3

Display Format:

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Search Results - Record(s) 1 through 23 of 23 returned.

☐ 1. Document ID: US 20040268303 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 23

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040268303

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040268303 A1

TITLE: System, method, and computer program product for generating a web application with dynamic content

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abe, Mari	Yokohama-shi		JP	
Tai, Hideki	Yokohama-shi		JP	
Nerome, Takashi	Yokohama-shi		JP	
Hori, Masahiro	Nishinomya-shi		JP	
Fukuda, Kentaro	Sagamihara-shi		JP	

US-CL-CURRENT: [717/108](#); [717/136](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 20040194028 A1

L3: Entry 2 of 23

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040194028

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040194028 A1

TITLE: Method of formatting documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: US 20040030726 A1

L3: Entry 3 of 23

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030726

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040030726 A1

TITLE: Content management system

h e b b g e e e f e f g e f b e

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 20030079177 A1

L3: Entry 4 of 23

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030079177

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030079177 A1

TITLE: Automatic layout of content in a design for a medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 5. Document ID: US 20030014442 A1

L3: Entry 5 of 23

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030014442

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030014442 A1

TITLE: Web site application development method using object model for managing web-based content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 6. Document ID: US 20020198878 A1

L3: Entry 6 of 23

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198878

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198878 A1

TITLE: Content management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 7. Document ID: US 20010044781 A1

L3: Entry 7 of 23

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010044781

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010044781 A1

TITLE: Computer implemented and/or assisted method and system for facilitating the licensing media content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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8. Document ID: US 6671818 B1

L3: Entry 8 of 23

File: USPT

Dec 30, 2003

US-PAT-NO: 6671818

DOCUMENT-IDENTIFIER: US 6671818 B1

**** See image for Certificate of Correction ****

TITLE: Problem isolation through translating and filtering events into a standard object form in a network based supply chain

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw Desc	Image
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9. Document ID: US 6651066 B2

L3: Entry 9 of 23

File: USPT

Nov 18, 2003

US-PAT-NO: 6651066

DOCUMENT-IDENTIFIER: US 6651066 B2

TITLE: Content management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw Desc	Image
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10. Document ID: US 6632042 B1

L3: Entry 10 of 23

File: USPT

Oct 14, 2003

US-PAT-NO: 6632042

DOCUMENT-IDENTIFIER: US 6632042 B1

TITLE: Printed sheet protector system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw Desc	Image
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11. Document ID: US 6606744 B1

L3: Entry 11 of 23

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

**** See image for Certificate of Correction ****

TITLE: Providing collaborative installation management in a network-based supply chain environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw Desc	Image
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12. Document ID: US 6584480 B1

L3: Entry 12 of 23

File: USPT

Jun 24, 2003

US-PAT-NO: 6584480

h e b b g e e e f e f g e f b e

DOCUMENT-IDENTIFIER: US 6584480 B1

*TITLE: Structured documents in a publishing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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13. Document ID: US 6356903 B1

L3: Entry 13 of 23

File: USPT

Mar 12, 2002

US-PAT-NO: 6356903

DOCUMENT-IDENTIFIER: US 6356903 B1

** See image for Certificate of Correction **

TITLE: Content management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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14. Document ID: US 6230173 B1

L3: Entry 14 of 23

File: USPT

May 8, 2001

US-PAT-NO: 6230173

DOCUMENT-IDENTIFIER: US 6230173 B1

TITLE: Method for creating structured documents in a publishing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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15. Document ID: US 6199082 B1

L3: Entry 15 of 23

File: USPT

Mar 6, 2001

US-PAT-NO: 6199082

DOCUMENT-IDENTIFIER: US 6199082 B1

TITLE: Method for delivering separate design and content in a multimedia publishing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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16. Document ID: US 6161114 A

L3: Entry 16 of 23

File: USPT

Dec 12, 2000

US-PAT-NO: 6161114

DOCUMENT-IDENTIFIER: US 6161114 A

** See image for Certificate of Correction **

TITLE: Design engine for fitting content to a medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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17. Document ID: US 5956737 A

L3: Entry 17 of 23

File: USPT

Sep 21, 1999

US-PAT-NO: 5956737

DOCUMENT-IDENTIFIER: US 5956737 A

TITLE: Design engine for fitting content to a medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw Desc	Image
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18. Document ID: US 5907837 A

L3: Entry 18 of 23

File: USPT

May 25, 1999

US-PAT-NO: 5907837

DOCUMENT-IDENTIFIER: US 5907837 A

** See image for Certificate of Correction **

TITLE: Information retrieval system in an on-line network including separate content and layout of published titles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw Desc	Image
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19. Document ID: US 5903902 A

L3: Entry 19 of 23

File: USPT

May 11, 1999

US-PAT-NO: 5903902

DOCUMENT-IDENTIFIER: US 5903902 A

TITLE: Design engine with tree and component structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw Desc	Image
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20. Document ID: US 5895477 A

L3: Entry 20 of 23

File: USPT

Apr 20, 1999

US-PAT-NO: 5895477

DOCUMENT-IDENTIFIER: US 5895477 A

TITLE: Design engine for automatic layout of content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw Desc	Image
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21. Document ID: US 5895476 A

L3: Entry 21 of 23

File: USPT

Apr 20, 1999

US-PAT-NO: 5895476

DOCUMENT-IDENTIFIER: US 5895476 A

TITLE: Design engine for automatic reformatting for design and media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KMC	Draw Desc	Image
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22. Document ID: US 5878421 A

L3: Entry 22 of 23

File: USPT

Mar 2, 1999

US-PAT-NO: 5878421

DOCUMENT-IDENTIFIER: US 5878421 A

TITLE: Information map

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KMC	Draw Desc	Image
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23. Document ID: US 5860073 A

L3: Entry 23 of 23

File: USPT

Jan 12, 1999

US-PAT-NO: 5860073

DOCUMENT-IDENTIFIER: US 5860073 A

TITLE: Style sheets for publishing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KMC	Draw Desc	Image
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12/003,348

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Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐**121** [A situated computing framework for mobile and ubiquitous multimedia access using small screen and composite devices](#)

Thai-Lai Pham, Georg Schneider, Stuart Goose

October 2000 **Proceedings of the eighth ACM international conference on Multimedia**Full text available: [pdf\(952.99 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In recent years, small screen devices, such as cellular phones or Personal Digital Assistants (PDAs), enjoy phenomenal popularity. PDAs can be used to complement traditional computing systems to access personal multimedia information beyond the usage as digital organizers. However, due to the physical limitations accessing rich multimedia contents and diverse services using a single PDA is more difficult. Hence, the Situated Computing Framework (SCF) research project at Siemens Corporate Rese ...

Keywords: WWW, composite devices, mobile and ubiquitous computing, situated computing

122 [Proof linking: modular verification of mobile programs in the presence of lazy, dynamic linking](#)

Philip W. L. Fong, Robert D. Cameron

October 2000 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 9 Issue 4Full text available: [pdf\(233.60 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Although mobile code systems typically employ link-time code verifiers to protect host computers from potentially malicious code, implementation flaws in the verifiers may still leave the host system vulnerable to attack. Compounding the inherent complexity of the verification algorithms themselves, the need to support lazy, dynamic linking in mobile code systems typically leads to architectures that exhibit strong interdependencies between the loader, the verifier, and the linker. To simp ...

Keywords: Java, correctness conditions, dynamic linking, mobile code, modularity, proof linking, safety, verification protocol, virtual machine architecture


123 [Toward a compelling sensation of telepresence: demonstrating a portal to a distant \(static\) office](#)

Wei-Chao Chen, Herman Towles, Lars Nyland, Greg Welch, Henry Fuchs

October 2000 **Proceedings of the conference on Visualization '00**

Full text available:

Additional Information:

 [pdf\(1.05 MB\)](#)[full citation](#), [citations](#), [index terms](#)

Keywords: augmented reality, collaborative visualization, human-computer interface, immersive display, tele-immersion, telepresence, virtual reality

124 Implications of the wireless web for technical communicators: User web browsing characteristics using palm handhelds for information retrieval

Michael J. Albers, Loel Kim

September 2000 **Proceedings of IEEE professional communication society international professional communication conference and Proceedings of the 18th annual ACM international conference on Computer documentation: technology & teamwork**

Full text available:  [pdf\(700.18 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

An increasing amount of information is being disseminated to decision-makers via web interfaces. Because there is also an increase in the use of personal digital assistants (PDA's), future web sites must accommodate handheld access. With easy ability to synchronize content from the web with handheld systems, basic web design assumptions should be reexamined to determine how handheld's affect search and retrieval. The small screen size, text-based design, and cumbersome interface manipulation req ...

125 Proceedings - only: Towards a real-world wide web

Tim Kindberg, John Barton

September 2000 **Proceedings of the 9th workshop on ACM SIGOPS European workshop: beyond the PC: new challenges for the operating system**


Full text available:  [pdf\(39.11 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

As computer hardware shrinks and lightens and as communications becomes cheaper and more widely available, we have new opportunities for software systems to support *nomadic* users of *ubiquitous* or *pervasive* computing services [16, 24]. We are interested in systems that support interaction with the physical world wherever users happen to be. More and more things in the physical world, such as our cars and domestic appliances, are becoming "smart". Users need a convenient frame ...

126 Exploiting space and location as a design framework for interactive mobile systems

Alan Dix, Tom Rodden, Nigel Davies, Jonathan Trevor, Adrian Friday, Kevin Palfreyman

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

Full text available:  [pdf\(282.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This article considers the importance of context in mobile systems. It considers a range of context-related issues and focus on location as a key issue for mobile systems. A design framework is described consisting of taxonomies of location, mobility, population, and device awareness. The design framework informs the construction of a semantic model of space for mobile systems. The semantic model is reflected in a computational model built on a distributed platform that allows contextual info ...

Keywords: awareness, context information, design framework, location-sensitive applications, mobile systems, platform support, shared interaction, virtual space

127 Distributed design review in virtual environments

Mike Daily, Mike Howard, Jason Jerald, Craig Lee, Kevin Martin, Doug McInnes, Pete Tinker

September 2000 **Proceedings of the third international conference on Collaborative virtual environments**

Full text available:  [pdf\(1.25 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


In large distributed corporations, distributed design review offers the potential for cost savings, reduced time to market, and improved efficiency. It also has the potential to improve the design process by enabling wider expertise to be incorporated in design reviews. This paper describes the integration of several components to enable distributed virtual design review in mixed multi-party, heterogeneous multi-site 2D and immersive 3D environments. The system provides higher layers of support ...

Keywords: design review, global scale collaboration, multi-modal, spatialized audio, speech recognition, tele-conferencing, virtual environments

128 Experiences of developing and deploying a context-aware tourist guide: the GUIDE project

Keith Cheverst, Nigel Davies, Keith Mitchell, Adrian Friday

August 2000 **Proceedings of the 6th annual international conference on Mobile computing and networking**

Full text available:  [pdf\(1.45 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


The GUIDE system has been developed to provide city visitors with a hand-held context-aware tourist guide. The system has been successfully deployed in a major tourist destination and is currently at the stage where it is publicly available to visitors who wish to explore the city. Reaching this stage has been the culmination of a number of distinct research efforts. In more detail, the development of GUIDE has involved: capturing a real set of application requirements, investigating the problem ...

Keywords: Web-based, context-aware, evaluation, interactive

129 Stylized rendering techniques for scalable real-time 3D animation

Adam Lake, Carl Marshall, Mark Harris, Marc Blackstein

June 2000 **Proceedings of the 1st international symposium on Non-photorealistic animation and rendering**

Full text available:  [pdf\(2.25 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: cartoon effects, cartoon rendering, pencil sketch rendering, real-time nonphotorealistic animation and rendering, silhouette edge detection, stylized rendering

130 MSXmin: a modular multicast ATM packet switch with low delay and hardware complexity

Rajgopal Kannan, Sibabrata Ray

June 2000 **IEEE/ACM Transactions on Networking (TON)**, Volume 8 Issue 3

Full text available:  [pdf\(340.70 KB\)](#)


Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


Keywords: asynchronous transfer mode, multistage interconnection networks, routing, switching circuits

131 SI in digital libraries

Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

Full text available:  [pdf\(145.60 KB\)](#)

 [html\(44.09 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

132 OpenMath, MathML, and XSL

David Carlisle

June 2000 **ACM SIGSAM Bulletin**, Volume 34 Issue 2Full text available:  [pdf\(638.65 KB\)](#) Additional Information: [full citation](#), [index terms](#)**133** Generating presentation constraints from rhetorical structure

Lloyd Rutledge, Brian Bailey, Jacco van Ossenbruggen, Lynda Hardman, Joost Geurts

May 2000 **Proceedings of the eleventh ACM on Hypertext and hypermedia**Full text available:  [pdf\(233.19 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** authoring, constraints, meta-structure, presentation generation, rhetorics**134** Personal computing: from P-books to E-books

Larry Press

May 2000 **Communications of the ACM**, Volume 43 Issue 5Full text available:  [pdf\(92.24 KB\)](#)  [html\(24.65 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**135** Getting the mobile users in: three systems that support collaboration in an environment with heterogeneous communication devices


Thomas Rist, Patrick Brandmeier, Gerd Herzog, Elisabeth André

May 2000 **Proceedings of the working conference on Advanced visual interfaces**Full text available:  [pdf\(737.37 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we present MapViews, Magic Lounge, and Call-Kiosk, three different but related systems that address the integration of mobile communication terminals into multi-user applications. MapViews is a test-bed to investigate how a small group of geographically dispersed users can jointly solve localization and route planning tasks while being equipped with different communication terminals. Magic Lounge is a virtual meeting space that provides a number of communication support servc ...

Keywords: collaborative systems, mobile communication, multimedia**136** Two-handed input using a PDA and a mouse

Brad A. Myers, Kin Pou Lie, Bo-Chieh Yang


April 2000 **Proceedings of the SIGCHI conference on Human factors in computing systems**Full text available:  [pdf\(1.13 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We performed several experiments using a Personal Digital Assistant (PDA) as an input device in the non-dominant hand along with a mouse in the dominant hand. A PDA is a small hand-held palm-size computer like a 3Com Palm Pilot or a Windows CE device. These are becoming widely available and are easily connected to a PC. Results of our experiments indicate that people can accurately and quickly select among a small numbers of buttons on the PDA using the left hand without looking, and that, as ...

Keywords: Palm Pilot, Windows CE, hand-held computers, pebbles, personal digital assistant (PDAs), smart environments, two-handed input, ubiquitous computing

137 Interactive posters: WAP: designing for small user interfaces


Albrecht Schmidt, Henning Schröder, Oliver Frick

April 2000 **CHI '00 extended abstracts on Human factors in computing systems**Full text available:  [pdf\(227.21 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Current and upcoming WAP-capable mobile phones introduce new user interfaces where standard methods for application design often fail. Automated translation of HTML to WML produces screen layouts and input mechanisms that are often not useable on a mobile phone. In this paper we suggest a structured approach for building WAP application and in particular the development of the user interface. First we give a brief summary on the discriminating feature of a phone interface and on mechanisms to build ...

Keywords: WAP, WML, mobile personal devices, small UI design**138 Power browser: efficient Web browsing for PDAs**


Orkut Buyukkokten, Hector Garcia-Molina, Andreas Paepcke, Terry Winograd

April 2000 **Proceedings of the SIGCHI conference on Human factors in computing systems**Full text available:  [pdf\(992.84 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We have designed and implemented new Web browsing facilities to support effective navigation on Personal Digital Assistants (PDAs) with limited capabilities: low bandwidth, small display, and slow CPU. The implementation supports wireless browsing from 3Com's Palm Pilot. An HTTP proxy fetches web pages on the client's behalf and dynamically generates summary views to be transmitted to the client. These summaries represent both the link structure and contents of a set of web pages, using information ...

Keywords: HTTP, PDA (personal digital assistant), PalmPilot, Web, browser, proxy, wireless**139 Evolutionary design of complex software (EDCS) demonstration days 1999**


Wayne Stidolph

January 2000 **ACM SIGSOFT Software Engineering Notes**, Volume 25 Issue 1Full text available:  [pdf\(1.90 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This report summarizes the Product/Technology demonstrations given at Defense Advanced Research Projects Agency (DARPA) Evolutionary Design of Complex Software (EDCS) Program Demonstration Days, held 28-29 June 1999 at the Sheraton National Hotel, Arlington, VA.

140 Separating key management from file system security

David Mazières, Michael Kaminsky, M. Frans Kaashoek, Emmett Witchel

December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles**, Volume 33 Issue 5Full text available:  [pdf\(1.77 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

No secure network file system has ever grown to span the Internet. Existing systems all lack adequate key management for security at a global scale. Given the diversity of the Internet, any particular mechanism a file system employs to manage keys will fail to support many types of use. We propose separating key management from file system security, letting the world share a single global file system no matter how individuals manage keys. We present SFS, a secure file system that avoids internal ...

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